

II. CLAIM AMENDMENTS

1. (Currently Amended) A method of implementing a optical data transmission of a mobile station, in which method the mobile station, which comprises means for transmitting and/or receiving data in optical format, is arranged in a mobile station stand which stand comprises at least one data transmission element which receives optical signals transmitted by the mobile station and/or transmits to the mobile station optical signals intended for the mobile station—, wherein a first end of the data transmission element bottoms against a seat receiving the mobile station in the stand, and wherein the optical signals transmitted by the mobile station are transmitted in optical format through the data transmission element and on to an area surrounding the stand wherein the optical signals coming from the surrounding area and intended for the mobile station are transmitted in optical format through the data transmission element on to an optical receiver of the mobile station.

2. (Original) A method as claimed in claim 1, wherein the optical signal comprises infra-red light.

3. (Original) A method as claimed in claim 1, wherein the optical signal comprises visible light.

4. (Original) A method as claimed in claim 1, wherein the optical signal comprises ultra-violet light.

5. (Currently Amended) A data transmission element which is arranged to receive optical signals transmitted by an optical transmitter of a mobile station and to transmit optical signals to an optical receiver of the mobile station, the data transmission element further comprising:

a first end that bottoms against a seat receiving the mobile station in the stand; and

at least one channel on an inside surface of the data transmission element, the at least one channel including a reflector mounted therein; and

a lid at an end of each of the at least one channel to close the channel but also allow penetration of an optical wavelength of optical signals; and

wherein the optical signals transmitted by the optical transmitter of the mobile station and the optical signals intended for the optical receiver of the mobile station are arranged to propagate in an optical format through the data transmission element.

6. (Original) A data transmission element as claimed in claim 5, wherein the optical signal is arranged to propagate in the data transmission element mainly by refraction.

7. (Original) A data transmission element as claimed in claim 5, wherein the optical signal is arranged to propagate in the data transmission element mainly by reflection.

8. (Original) A data transmission element as claimed in claim 7, wherein at least one reflector is arranged in the data transmission element.

9. (Original) A data transmission element as claimed in claim 5, wherein the data transmission element is an optical fiber.

W 10. (Currently Amended) A mobile station stand which comprises a space and attaching elements for attaching a mobile station detachably to the stand, and at least one data transmission element which is arranged to receive optical signals transmitted by an optical transmitter of the mobile station arranged in the stand and to transmit optical signals to an optical receiver of the mobile station, the data transmission element having a first end that bottoms against a seat receiving the mobile station in the stand, wherein the optical signals transmitted by the mobile station are arranged to pass in an optical format through the data transmission element and still as an optical signal to a surrounding area of the stand wherein optical signals received from the surrounding area of the stand to the data transmission element are arranged to pass in optical format through the data transmission element to the optical receiver of the mobile station.

11. (Original) A mobile station stand as claimed in claim 10, wherein the optical signal is arranged to propagate in the data transmission element mainly by refraction.

12. (Original) A mobile station stand as claimed in claim 10, wherein the optical signal is arranged to propagate in the data transmission element mainly by reflection.

13. (Original) A mobile station stand as claimed in claim 12, wherein at least one reflector is arranged in the data transmission element.

14. (Original) A mobile station stand as claimed in claim 10, wherein the data transmission element is an optical fiber.

15. (Original) A mobile station stand as claimed in claim 10, wherein the stand is a desk stand.

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16. (Original) A mobile station stand as claimed in claim 10, wherein the stand is a car stand.

17. (Original) A mobile station stand as claimed in claim 10, wherein the stand is an installation stand.

18. (Original) A mobile station stand as claimed in claim 10, wherein the stand is a protective casing.

19. (Currently Amended) A mobile station stand as claimed in claim 10, wherein charging means for charging thea battery of the mobile station are arranged in the stand.

20. (Original) A mobile station stand as claimed in claim 10, wherein the stand comprises two data transmission elements, one for optical signals going out from the mobile station and one for optical signals coming in to the mobile station.

21. (New) The data transmission element of claim 5 further comprising an optical divider in the data transmission element that separates the route of an optical signal transmitted by the optical transmitter of the mobile station from an incoming signal.

22. (New) The data transmission element of claim 5, wherein the lid at each end of the at least one channel prevents impurities, humidity or harmful elements from entering the at least one channel.

23. (New) The data transmission element of claim 5, wherein the at least one channel includes a wall to separate outgoing and incoming signals from mixing.
